

FIG.1

106070" / 210660

FIG.2A

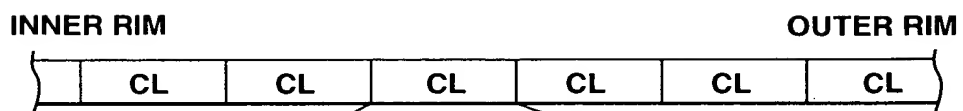


FIG.2B

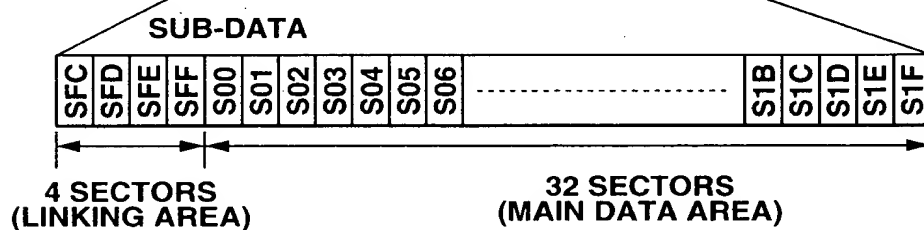


FIG.2C

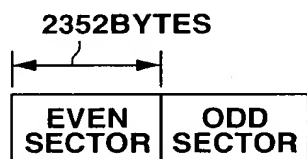


FIG.2D

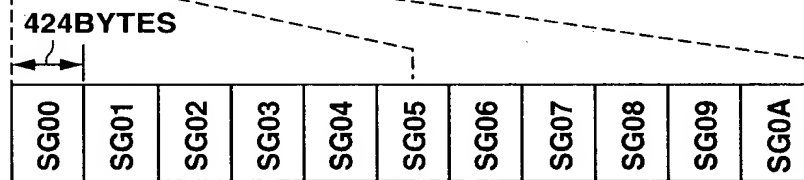
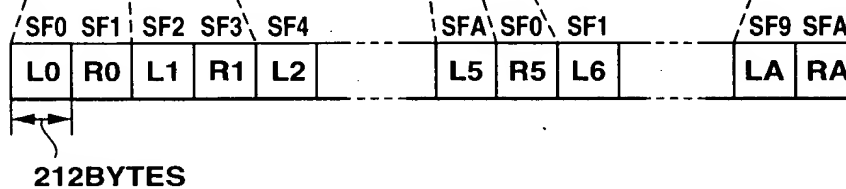


FIG.2E



		16bit		16bit		16bit		16bit				
		MSB	LSB	MSB	LSB	MSB	LSB	MSB	LSB			
HEADER	{	00000000		11111111		11111111		11111111		0		
		11111111		11111111		11111111		11111111		1		
		11111111		11111111		11111111		00000000		2		
		Cluster · H		Cluster1		Sector		00000010		3		
		00000000		00000000		00000000		00000000		4		
		00000000		00000000		00000000		00000000		5		
		00000000		00000000		00000000		00000000		6		
		Maker code		Model code		First TNO		Last TNO		7		
		00000000		00000000		00000000		Used Sectors		8		
		00000000		00000000		00000000		00000000		9		
		00000000		00000000		00000000		Disc Serial No		10		
ACCOMMODATING TABLE INDICATING DATA WIDTH	{	Disk		ID		P-DFA		P-EMPTY		11		
		P-FRA		P-TNO1		P-TNO2		P-TNO3		12		
		P-TNO4		P-TNO6		P-TNO6		P-TNO7		13		
MANAGEMENT TABLE WIDTH (256 SLOTS)	{	P-TNO248		P-TNO249		P-TNO250		P-TNO251		74		
		P-TNO252		P-TNO253		P-TNO254		P-TNO255		75		
		00000000		00000000		00000000		00000000		76		
		00000000		00000000		00000000		00000000		77		
		(01h)	START ADDRESS						TRACK MODE		78	
			END ADDRESS						LINK INFORMATION		79	
		(02h)	START ADDRESS						TRACK MODE		80	
			END ADDRESS						LINK INFORMATION		81	
		(03h)	START ADDRESS						TRACK MODE		82	
			END ADDRESS						LINK INFORMATION		83	
		(FCh)	{	START ADDRESS						TRACK MODE		580
				END ADDRESS						LINK INFORMATION		581
				START ADDRESS						TRACK MODE		582
				END ADDRESS						LINK INFORMATION		583
(FEh)	START ADDRESS						TRACK MODE		584			
	END ADDRESS						LINK INFORMATION		585			
(FFh)	START ADDRESS						TRACK MODE		586			
	END ADDRESS						LINK INFORMATION		587			

U-TOC SECTOR 0

FIG.3

P - FRA = 03h

	START ADDRESS	END ADDRESS	LINK INFORMATION
(03h)	S03	E03	18h

(18h)	S18	E18	1Fh
-------	-----	-----	-----

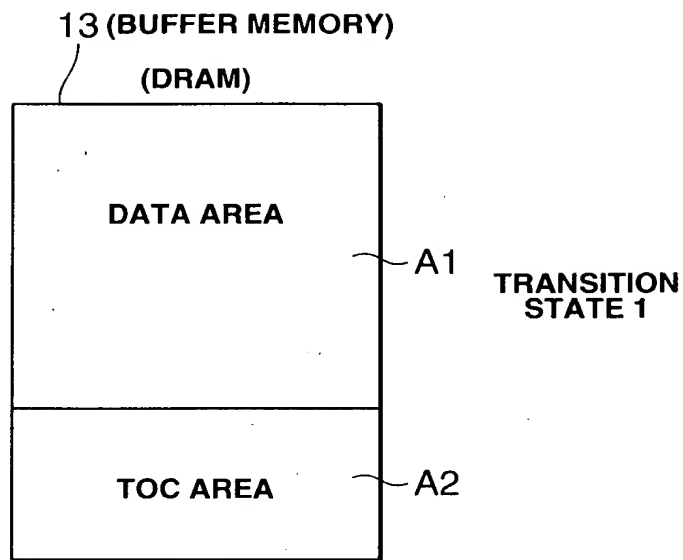
(1Fh)	S1F	E1F	2Bh
-------	-----	-----	-----

(2Bn)	S2B	E2B	E3H
-------	-----	-----	-----

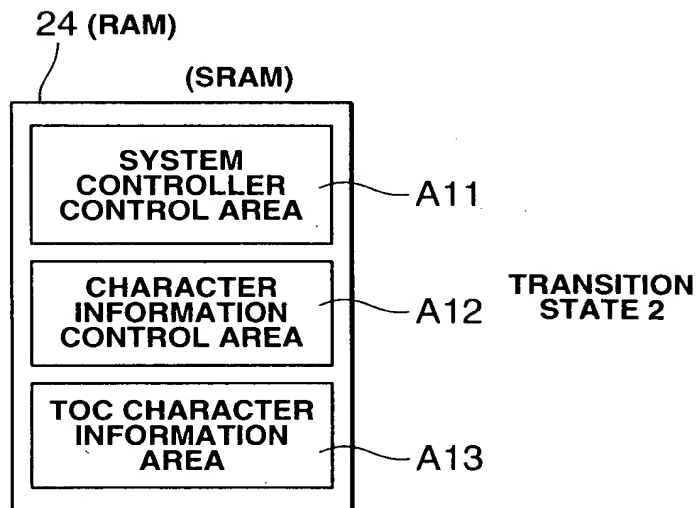
(E3h)	SE3	EE3	00h
-------	-----	-----	-----

		16bit				16bit				
		MSB	LSB	MSB	LSB	MSB	LSB	MSB	LSB	
HEADER	{	00000000	11111111	11111111	11111111	11111111	11111111	0		
		11111111	11111111	11111111	11111111	11111111	1			
		11111111	11111111	11111111	00000000	2				
		Cluster · H	Cluster2	Sector	00000010	3				
ACCOMMODATING TABLE INDICATING DATA WIDTH	{	00000000	00000000	00000000	00000000	4				
		00000000	00000000	00000000	00000000	5				
		00000000	00000000	00000000	00000000	6				
		00000000	00000000	00000000	00000000	7				
		00000000	00000000	00000000	00000000	8				
		00000000	00000000	00000000	00000000	9				
		00000000	00000000	00000000	00000000	1				
		00000000	00000000	00000000	00000000	1				
		00000000	00000000	00000000	P-EMPTY	1				
		00000000	P-TNA1	P-TNO2	P-TNA3	1				
		P-TNA4	P-TNA5	P-TNO6	P-TNA7	1				
		CHARACTER TABLE WIDTH	{	P-TNA248	P-TNA249	P-TNA250	P-TNA251	7		
				P-TNA252	P-TNA253	P-TNA254	P-TNA255	7		
DISC NAME				7						
DISC NAME				7						
(01h)	DISC NAME / TRACK NAME				7					
DISC NAME / TRACK NAME				7						
(02h)	DISC NAME / TRACK NAME				8					
DISC NAME / TRACK NAME				8						
(03h)	DISC NAME / TRACK NAME				8					
DISC NAME / TRACK NAME				8						
DISC NAME / TRACK NAME				8						
DISC NAME / TRACK NAME				8						
DISC NAME / TRACK NAME				8						
DISC NAME / TRACK NAME				8						
DISC NAME / TRACK NAME				8						
(FEh)	DISC NAME / TRACK NAME				5					
DISC NAME / TRACK NAME				5						
(FFh)	DISC NAME / TRACK NAME				5					
DISC NAME / TRACK NAME				5						

**FIG.5**



**FIG.6A**



**FIG.6B**

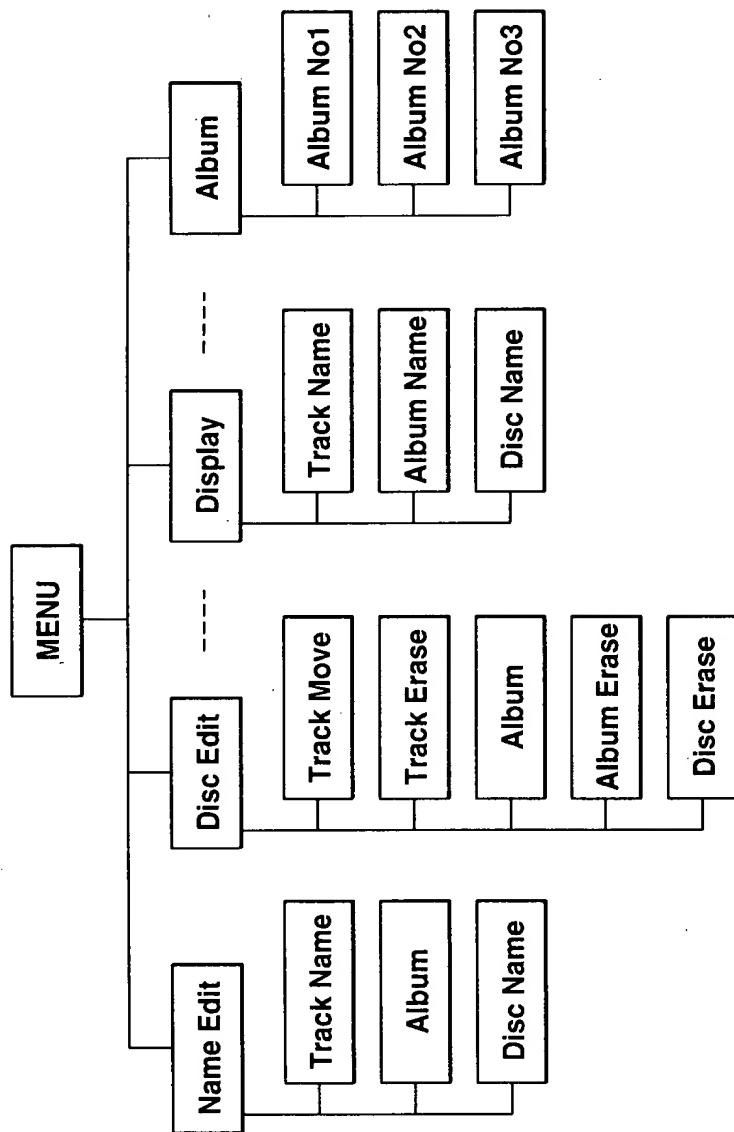


FIG. 7

```

graph TD
    Start([ALBUM TITLE  
INPUT MODE]) --> S1[INPUT ALBUM LEADING  
END MELODY NUMBER→A]
    S1 --> S2[INPUT ALBUM TRAILING  
END MELODY NUMBER→B]
    S2 --> S3{A=B ?}
    S3 -- YES --> S4[STORE "a;" IN BUFFER  
AS A→a (ASCII CODE)]
    S3 -- NO --> S5[STORE "a-b;" IN BUFFER  
AS A→a, B→b (ASCII CODE)]
    S4 --> S6[INPUT ALBUM TITLE]
    S5 --> S6
    S6 --> S7[STORE ALBUM TITLE  
IN BUFFER]
    S7 --> S8[REGISTER IN DISC  
NAME AREA]
    S8 --> End([END])
    
    subgraph Buffer_Contents [BUFFER CONTENTS]
        direction TB
        BC1["a-b;"]
        BC2["a;"]
        BC3["a-b; (ALBUM TITLE)"]
    end
    S3 -- NO --> BC1
    S4 --> BC2
    S7 --> BC3

```

**FIG.8**



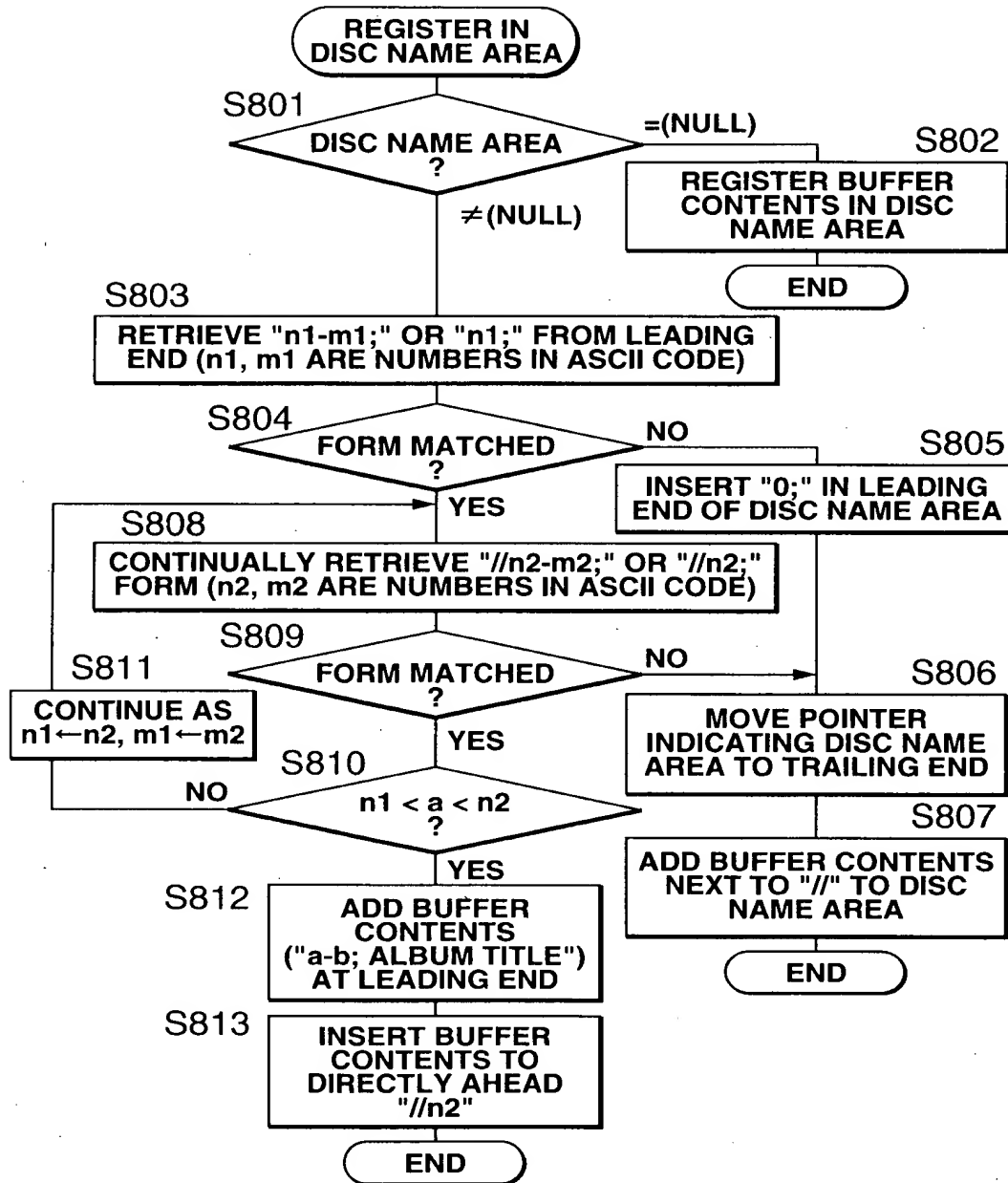


FIG.9

0990127.070901

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
. . . .	. . . .	. . . .	. . . .	. . . .
. . . .	. . . .	. . . .	. . . .	. . . .
76	8	—	1	0
77	,	G	A	00
78	00	00	00	00
79	00	00	00	00
80	00	00	00	00
81	00	00	00	00
. . . .	. . . .	. . . .	. . . .	. . . .
. . . .	. . . .	. . . .	. . . .	. . . .

FIG.10

FIG.11A

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
...	...	...	...	...
...	...	...	...	...
76	M	i	n	i
77	D	i	s	01
78	c	00	00	00
79	00	00	00	00
80	00	00	00	00
81	00	00	00	00
...	...	...	...	...
...	...	...	...	...

Byte position of the next slot  
=76 × 4+(Link-P) × 8



FIG.11B

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
...	...	...	...	...
...	...	...	...	...
76	0	i	M	i
77	n	i	D	01
78	i	s	c	/
79	/	1	—	02
80	7	;	S	0
81	N	Y	00	00
...	...	...	...	...
...	...	...	...	...

Byte position of the next slot  
=76 × 4+(Link-P) × 8

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	—	7	;
77	S	O	N	01
78	Y	/	/	8
79	—	1	0	02
80	;	G	A	00
81	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
 $= 76 \times 4 + (\text{Link-P}) \times 8$

FIG.12

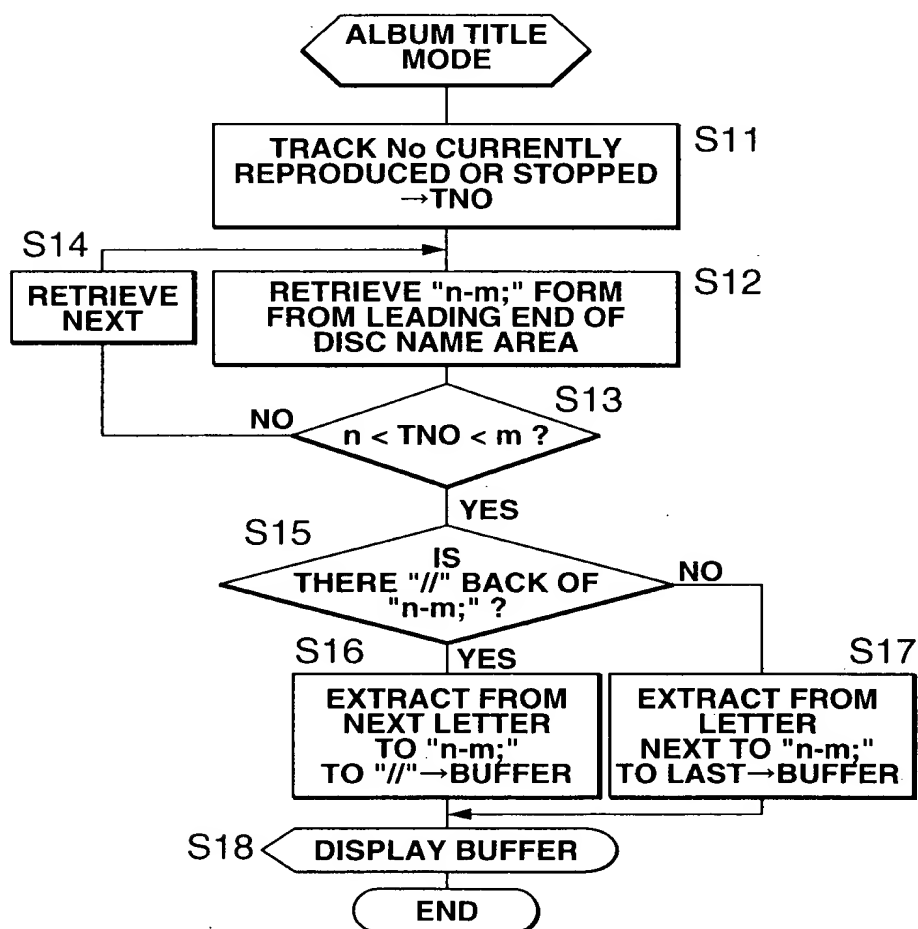


FIG.13

09901277.070901  
T06020" / 22T0660

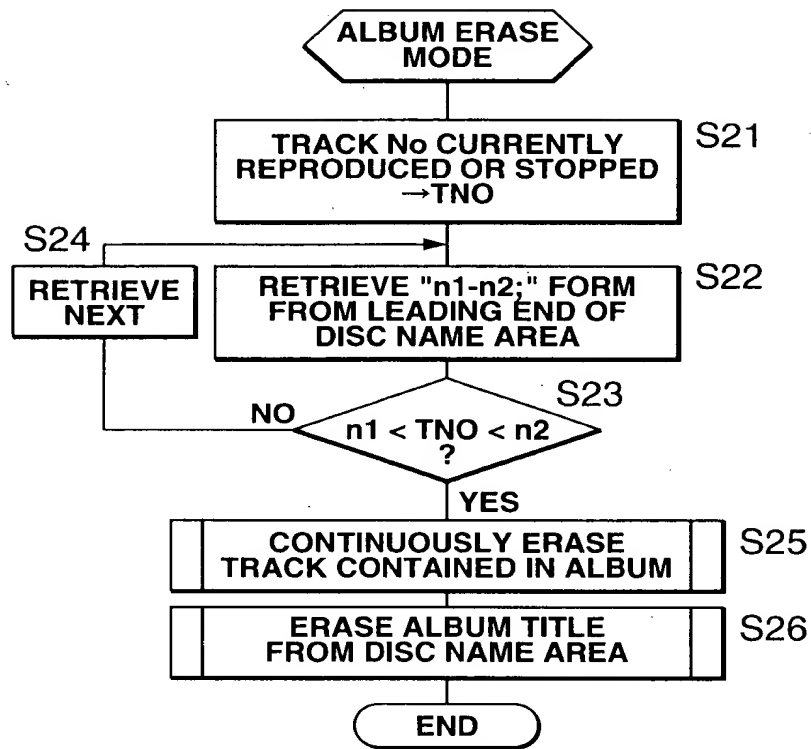


FIG.14

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	7	;
77	S	O	N	01
78	Y	/	/	8
79	-	1	0	02
80	;	G	A	/
81	/	1	1	03
82	-	2	0	;
83	M	i	n	04
84	i	D	i	S
85	c	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76×4+(Link-P)×8

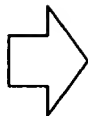


FIG. 15A

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	7	;
77	S	O	N	01
78	Y	/	/	8
79	-	1	7	02
80	;	M	i	n
81	i	D	i	03
82	S	c	00	00
83	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76×4+(Link-P)×8

FIG. 15B

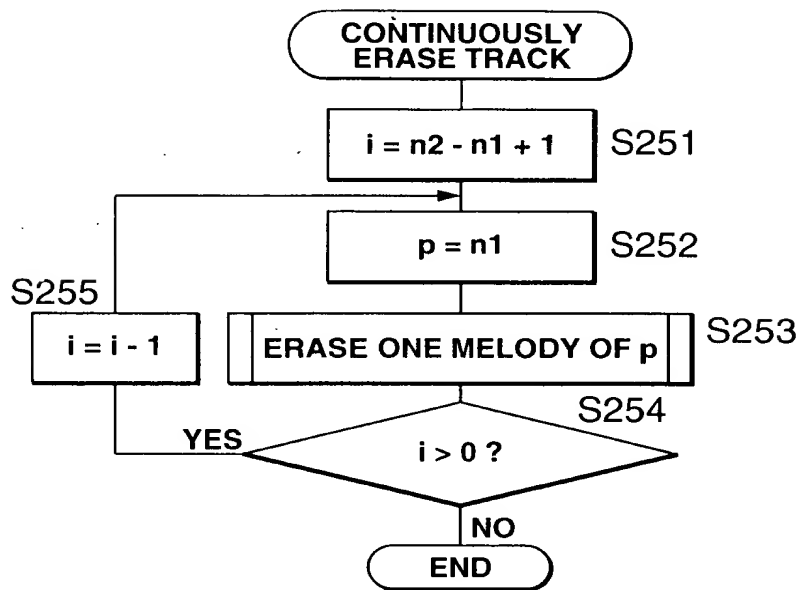


FIG.16

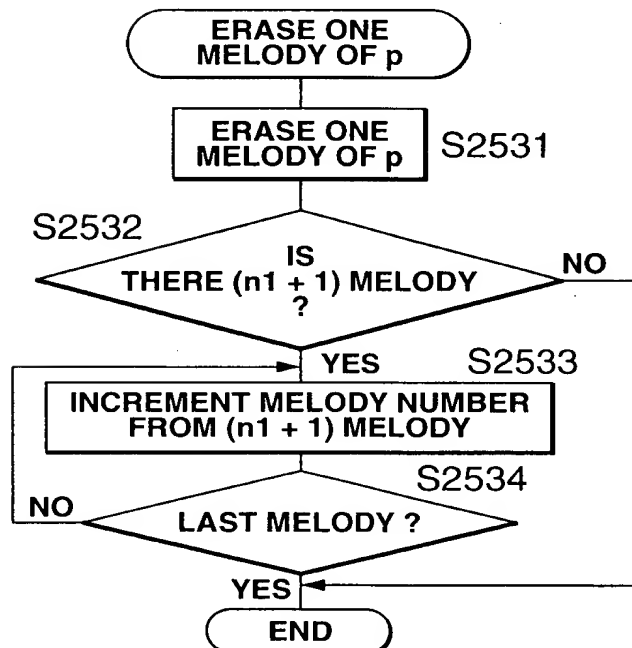


FIG.17

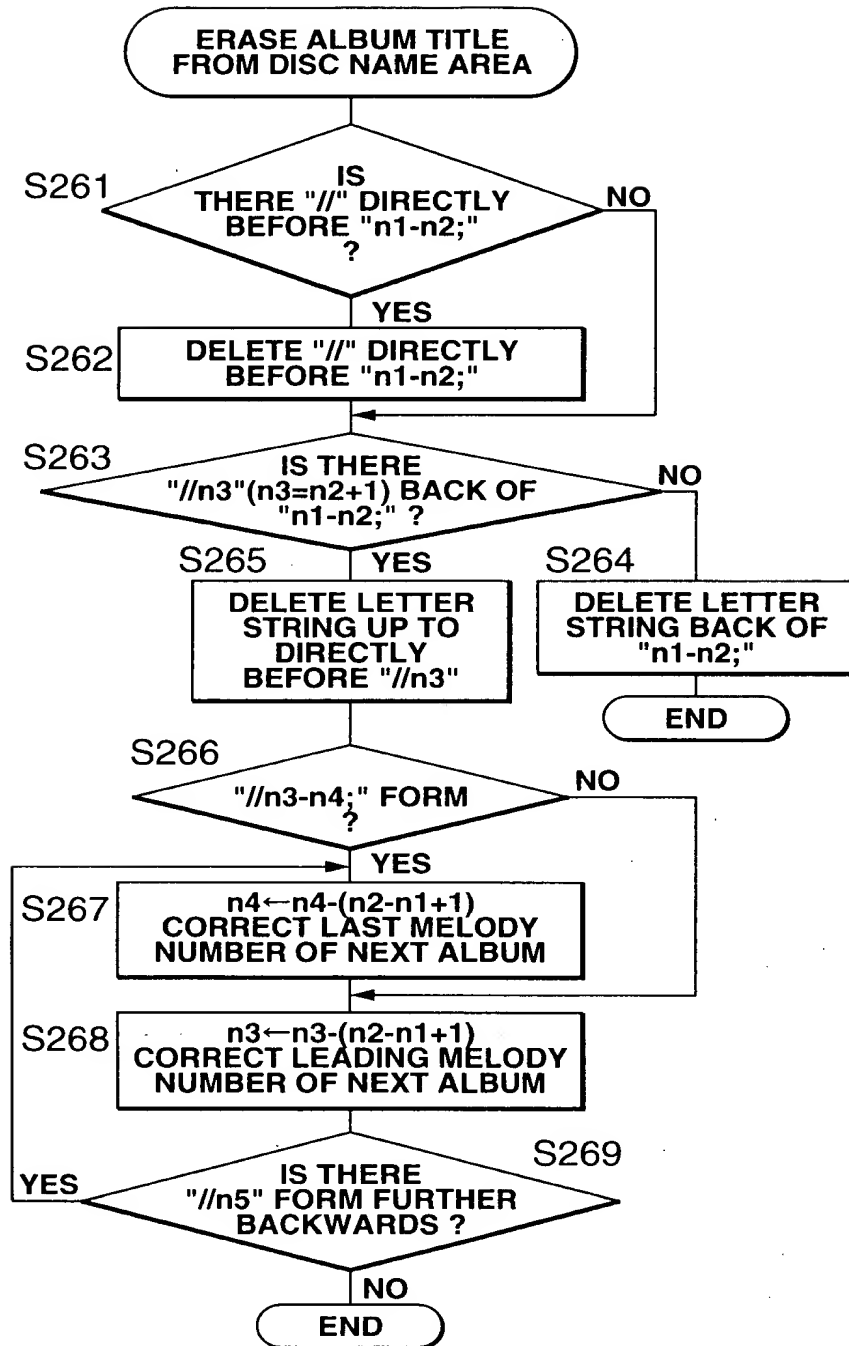


FIG.18



ALBUM MOVE  
MODE

TRACK No CURRENTLY  
REPRODUCED OR STOPPED  
→ TNO

S31

S34

RETRIEVE  
NEXT

RETRIEVE "n1-n2;" FORM  
FROM LEADING END OF  
DISC NAME AREA

S32

NO

$n1 < TNO < n2$   
?

S33

YES

CONTINUOUSLY MOVE  
TRACK CONTAINED IN ALBUM

S35

CHANGE ALBUM TITLE  
OF DISC NAME AREA

S36

END

FIG.19

0990127-070501

FIG.20A

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	7	;
77	S	O	N	01
78	Y	/	/	8
79	-	1	0	02
80	:	G	A	/
81	/	1	1	03
82	-	2	0	;
83	M	I	n	04
84	i	D	i	S
85	c	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76 x 4+(Link-P) x 8



FIG.20B

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	7	;
77	S	O	N	01
78	Y	/	/	8
79	-	1	7	02
80	:	M	i	n
81	i	D	i	03
82	s	c	/	/
83	1	8	-	04
84	2	0	;	G
85	A	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76 x 4+(Link-P) x 8

09901277 070901  
T06020" / 22T0660

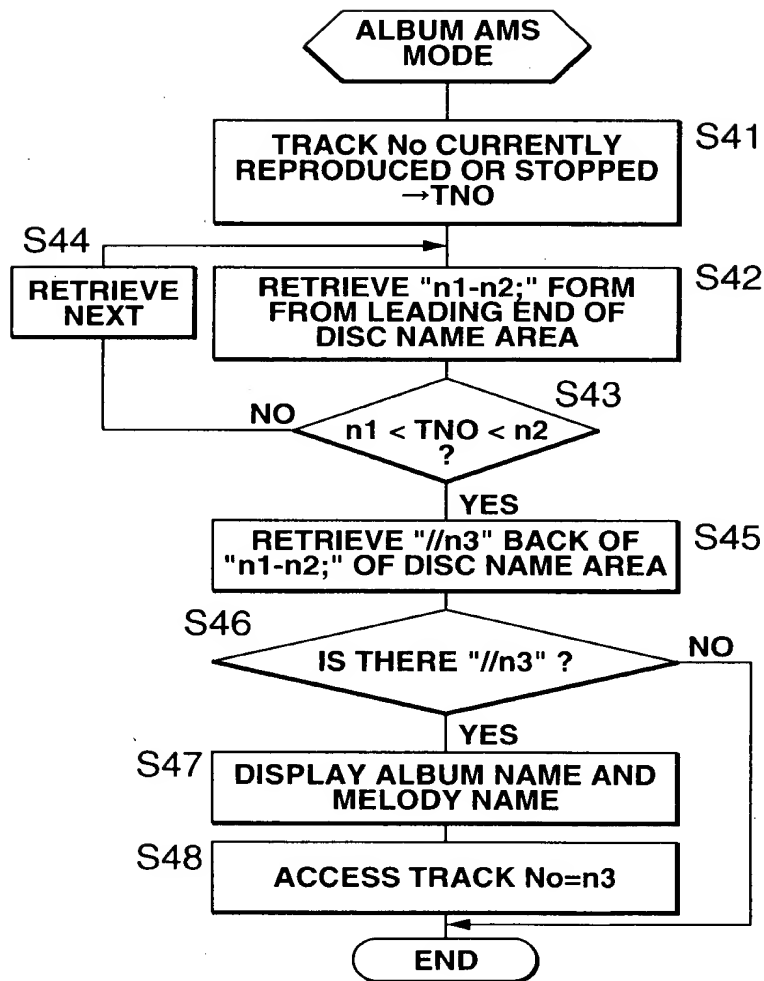


FIG.21

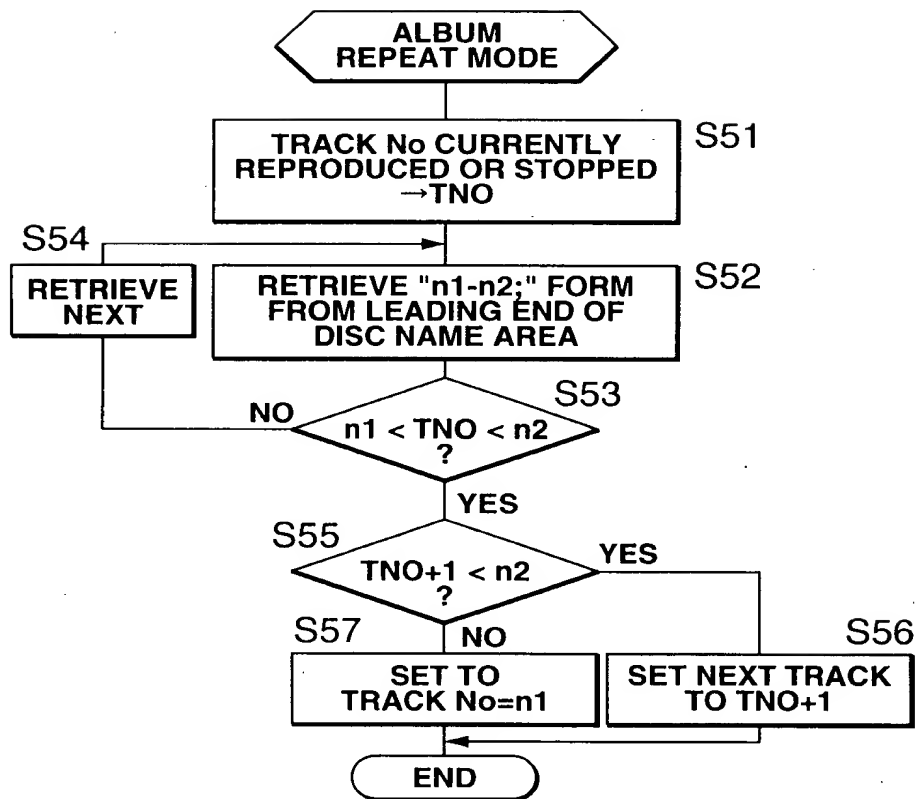


FIG.22

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	7	;
77	S	O	N	01
78	Y	/	/	8
79	-	1	0	02
80	;	G	A	/
81	/	1	1	03
82	-	2	0	;
83	M	I	n	04
84	i	D	i	s
85	c	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
 $=76 \times 4 + (\text{Link-P}) \times 8$



FIG. 23A

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	1	0
77	;	S	O	01
78	N	Y	/	/
79	1	1	-	02
80	2	0	;	M
81	i	n	i	03
82	D	i	s	c
83	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
 $=76 \times 4 + (\text{Link-P}) \times 8$

FIG. 23B

FIG.24A

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	1	0
77	:	S	O	01
78	N	Y	/	/
79	1	1	-	02
80	2	0	:	M
81	i	n	i	03
82	D	i	s	c
83	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76×4+(Link-P)×8



FIG.24B

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	5	:
77	S	O	N	01
78	Y	/	/	6
79	-	1	0	02
80	:	/	/	1
81	1	-	2	03
82	0	:	M	i
83	n	i	D	04
84	i	s	c	00
85	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76×4+(Link-P)×8

FIG.25A

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
76	1	7	;	01
77	S	O	N	8
78	Y	/	/	02
79	-	1	0	/
80	;	G	A	03
81	/	1	1	04
82	-	2	0	;
83	M	i	n	s
84	i	D	i	00
85	c	00	00	....
....	....	....	....	....

Byte position of the next slot  
=76 x 4+(Link-P) x 8



FIG.25B

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
76	1	6	;	01
77	S	O	N	8
78	Y	/	/	02
79	-	9	;	/
80	G	A	/	03
81	1	0	-	M
82	1	9	;	04
83	i	n	i	c
84	D	i	s	00
85	00	00	00	....
....	....	....	....	....

Byte position of the next slot  
=76 x 4+(Link-P) x 8

FIG.26A

12	0000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	7	;
77	S	O	N	01
78	Y	/	/	8
79	-	1	0	02
80	;	G	A	/
81	/	1	1	03
82	-	2	0	;
83	M	i	n	04
84	i	D	i	s
85	c	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76 x 4+(Link-P) x 8



FIG.26B

12	0000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	6	;
77	S	O	N	01
78	Y	/	/	7
79	-	9	;	02
80	G	A	/	/
81	1	0	-	03
82	1	9	;	M
83	i	n	i	04
84	D	i	s	c
85	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76 x 4+(Link-P) x 8



FIG.27A

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	—	7	;
77	S	O	N	01
78	Y	/	/	8
79	—	1	0	02
80	;	G	A	/
81	/	1	1	03
82	—	2	0	;
83	M	i	n	04
84	i	D	i	s
85	c	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76 × 4+(Link-P) × 8



FIG.27B

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	—	8	;
77	S	O	N	01
78	Y	/	/	9
79	—	1	1	02
80	;	G	A	/
81	/	1	2	03
82	—	2	1	;
83	M	i	n	04
84	i	D	i	s
85	c	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
=76 × 4+(Link-P) × 8

FIG.28A

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	7	;
77	S	O	N	01
78	Y	/	/	8
79	-	1	0	02
80	;	G	A	00
81	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
 $= 76 \times 4 + (\text{Link-P}) \times 8$



FIG.28B

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	-	7	;
77	S	O	N	01
78	Y	/	/	8
79	-	1	0	02
80	;	G	A	/
81	/	1	1	03
82	-	2	0	;
83	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position of the next slot  
 $= 76 \times 4 + (\text{Link-P}) \times 8$

**FIG.29A**

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	—	7	;
77	S	O	N	01
78	Y	/	/	8
79	—	1	0	02
80	;	G	A	00
81	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position  
of the next slot  
 $= 76 \times 4 + (\text{Link-P}) \times 8$



**OVERWRITE**  
**- PORTION -**

1	2	3	4	5	6	7	8	9	10	11	12	13
---	---	---	---	---	---	---	---	---	----	----	----	----

**FIG.29B**

12	00000000	P-TNA 1	P-TNA 2	P-TNA 3
13	P-TNA 4	P-TNA 5	P-TNA 6	P-TNA 7
14	P-TNA 8	P-TNA 9	P-TNA 10	P-TNA 11
....	....	....	....	....
....	....	....	....	....
76	1	—	3	;
77	S	O	N	01
78	Y	/	/	4
79	—	8	;	02
80	/	/	9	—
81	1	0	;	03
82	/	/	1	1
83	—	1	3	04
84	;	G	A	00
85	00	00	00	00
....	....	....	....	....
....	....	....	....	....

Byte position  
of the next slot  
 $= 76 \times 4 + (\text{Link-P}) \times 8$